

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property  
Organization  
International Bureau



(43) International Publication Date  
6 May 2005 (06.05.2005)

PCT

(10) International Publication Number  
**WO 2005/039532 A1**

(51) International Patent Classification:  
A61P 35/00, A61K 31/167, 31/07

A61K 9/10,

(74) Agents: MINOJA, Fabrizio et al.; Bianchetti Bracco Minoja S.r.l., Via Plinio, 63, I-20129 Milano (IT).

(21) International Application Number:

PCT/EP2004/011236

(22) International Filing Date: 8 October 2004 (08.10.2004)

(25) Filing Language:

English

(26) Publication Language:

English

(30) Priority Data:

MI2003A002019 17 October 2003 (17.10.2003) IT

(71) Applicant (for all designated States except US): FIDIA FARMACEUTICI S.p.A. [IT/IT]; Via Ponte della Fabbrica, 3/A, I-35031 Abano Terme (IT).

(72) Inventors; and

(75) Inventors/Applicants (for US only): MENEGATTI, Enea [IT/IT]; Via Ponte della Fabbrica, 3/A, I-35031 Abano Terme (IT). CORTESI, Rita [IT/IT]; Via Ponte della Fabbrica, 3/A, I-35031 Abano Terme (IT). ESPOSITO, Elisabetta [IT/IT]; Via Ponte della Fabbrica, 3/A, I-35031 Abano Terme (IT). BELLATO, Pierangelo [IT/IT]; Via Ponte della Fabbrica, 3/A, I-35031 Abano Terme (IT). GENNARI, Giovanni [IT/IT]; Via Ponte della Fabbrica, 3/A, I-35031 Abano Terme (IT).

(81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

(84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

Published:

— with international search report

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(54) Title: MICROEMULSIONS OF RETINOIDS, AND PHARMACEUTICAL COMPOSITIONS CONTAINING THEM

(57) Abstract: Disclosed are water-in-oil (W/O) microemulsions containing as active ingredient a retinoid, a phospholipid emulsifier, and possibly hyaluronic acid or salts thereof.

WO 2005/039532 A1